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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/052,612	01/17/2002	Ravikumar Pisupati	100200239-1	3020

7590 06/09/2005

HEWLETT-PACKARD COMPANY
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EXAMINER

AVELLINO, JOSEPH E

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 06/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/052,612

Applicant(s)

PISUPATI, RAVIKUMAR

Examiner

Joseph E. Avellino

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 May 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. Claims 1-29 are presented for examination; claims 1, 11, and 26 independent.
The Office acknowledges the addition of claims 22-29.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-3, 7, 8, 11-12, 16, 17, and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Motoyama (USPN 5,819,110).

3. Referring to claim 1, Motoyama discloses a computer network for providing services (i.e. monitoring, controlling, and diagnosing operation of a machine, e.g. abstract), comprising:

a plurality of computing elements 26, 30, 34, (Figure 1) each of which comprises computing resources for supporting one or more services (see above);

a redirector (mail server), communicatively connected to each of said computing elements, configured to serve as an email proxy (Figure 5; col. 6, line 58 to col. 7, line 26);

wherein said services are controlled by email messages routed by said redirector among said plurality of computing elements (Figure 7; col. 6, line 58 to col. 7, line 26; col. 8, lines 11-28).

4. Referring to claim 2, Motoyama discloses each of the computing elements has a service handler (i.e. parsing process) (Figure 7; col. 7, line 62 to col. 8, line 10); and said service handler on a computing element extracts an access function (i.e. action) from an incoming email message and complies with said extracted access function (Figure 6; col. 7, line 62 to col. 8, line 10).

5. Referring to claim 3, Motoyama discloses said redirection comprises a mail router (i.e. mail server) for routing email messages (col. 7, lines 27-44).

6. Referring to claim 7, Motoyama discloses comprising a mail server for receiving email and transferring email containing access functions to said redirector as proxy for said plurality of computing elements (col. 7, lines 27-44).

7. Referring to claim 8, Motoyama discloses comprising a firewall 14 (Figure 1) through which email messages are received, said redirector being protected within said firewall (Figure 1; col. 7, lines 7-45).

8. Claims 11-12, 16, 17, and 21 are rejected for similar reasons as stated above. Furthermore Motoyama discloses sending a response email message following compliance with said extracted access function (col. 8, lines 1-10).

Claim Rejections - 35 USC § 103

9. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 9 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama.

10. Referring to claim 9, Motoyama discloses the invention substantively as described in claim 8. Motoyama does not specifically disclose the client is a web client within the firewall to obtain access to said services. Motoyama does disclose that the workstations in the first network 6 can include IBM PC's, UNIX machines, or Apple Macintoshes (col. 3, lines 20-25) which are well known to be able to provide email to users. Therefore one of ordinary skill in the art would find it obvious to one of ordinary skill in the art to provide service to a machine within the firewall in order to facilitate authentication and reduce overhead processing relating to security issues.

11. Claim 18 is rejected for similar reasons as stated above.

Claims 4-6, 10, 13-15, 19-20 and 22-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motoyama in view of Weber et al. (USPN 6,480,901) (hereinafter Weber).

Art Unit: 2143

12. Referring to claim 4, Motoyama discloses the invention substantively as described in claim 1. Motoyama does not specifically disclose the redirector comprises a service handler for extracting an access function from a message and transmitting commands or data to the computing elements. In analogous art, Weber discloses another computer network for providing services wherein a redirector extracts access functions from messages and transmits commands to the elements (e.g. abstract). It would be obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Weber with Motoyama in order to allow the email clients of Motoyama to address the proxy server system of Weber in order to be able to incorporate a plurality of different devices utilizing different protocols to the network without requiring the user know beforehand what the specific form for the protocol and device in question, thereby providing a common platform for management as well as only one point wherein updates are required, thereby reducing complexity of the overall system.

13. Referring to claim 5, Motoyama discloses the data is a service (i.e. action) (Figure 7; col. 7, line 62 to col. 8, line 10).

14. Referring to claim 6, Motoyama in view of Weber disclose the invention substantively as described in claim 4. Motoyama in view of Weber further disclose the data is a specified location where a service can be accessed (Weber, col. 17, lines 53-63). It would be obvious to a person of ordinary skill in the art at the time the invention

Art Unit: 2143

was made to combine the teaching of Weber with Motoyama in order to allow the email clients of Motoyama to address the proxy server system of Weber in order to be able to incorporate a plurality of different devices utilizing different protocols to the network without requiring the user know beforehand what the specific form for the protocol and device in question, thereby providing a common platform for management as well as only one point wherein updates are required, thereby reducing complexity of the overall system.

15. Referring to claim 10, Motoyama discloses the invention substantively as described in claim 9. Motoyama does not specifically disclose generating web pages related to the services of the web client. In analogous art, Weber disclose the proxy server generating web pages related to the services for the client (Figure 7; col. 14, lines 23-41). It would be obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Weber with Motoyama in order to allow the email clients of Motoyama to address the proxy server system of Weber in order to be able to incorporate a plurality of different devices utilizing different protocols to the network without requiring the user know beforehand what the specific form for the protocol and device in question, thereby providing a common platform for management as well as only one point wherein updates are required, thereby reducing complexity of the overall system.

16. Claims 13-15, 19-20, and 22-29 are rejected for similar reasons as stated above.

Response to Amendment

17. The Office acknowledges the amendments to the claims. The rejection under 35 USC 112, second paragraph is withdrawn.

Response to Arguments

18. Applicant's arguments filed May 11, 2005 have been fully considered but they are not persuasive.

19. In the remarks, Applicant argues, in substance, that (1) Motoyama does not disclose a redirector since Applicant has a separate redirector and mail server which are different devices servicing different functions, (2) Motoyama does not disclose a mail router.

20. As to point (1) Applicant is reading limitations from the specification into the claims. Applicant does not claim that the redirector and the mail server are *separate* devices servicing different functions. The mail server acts as an email proxy for the computing elements since this is an inherent feature to any mail server. A mail server is used as an intermediary between two endpoints sending an email. An email is never sent directly from one endpoint to another, it is always sent to a server, wherein the other endpoint will then either retrieve the email or it is pushed to the other endpoint. Therefore it acts as a proxy for the endpoint. The mere fact that a mail server is also

Art Unit: 2143

claimed does not change the fact that a mail server is an email proxy. It provides the same functionality.

21. As to point (2) Applicant does not argue any further limiting features of the term "mail router" and therefore intends broad interpretation. As stated in (1), the mail server can be construed as a mail router since it receives emails for a plurality of users and then routes them to the appropriate mailbox or endpoint. By this rationale, the rejection is maintained.

Conclusion

22. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

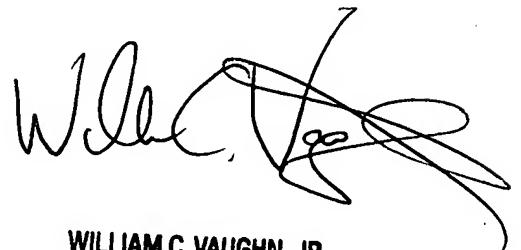
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph E. Avellino whose telephone number is (571) 272-3905. The examiner can normally be reached on Monday-Friday 7:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



JEA
June 6, 2005



**WILLIAM C. VAUGHN, JR.
PRIMARY EXAMINER**